



# POWER SMART PARTNER IMPLEMENTATION FUNDING

Why implement an energy-efficiency project? Here's just one example: The National Research Council has found a correlation between energy efficient lighting redesign concepts with job satisfaction, organizational commitment, low turnover and overall health and well being of staff.

## MOVING YOUR IDEAS INTO ACTION

Implementation Funding is available through BC Hydro's Power Smart Partner Program to help large commercial, government and institutional customers like you reduce the capital cost of implementing electrical energy-efficiency projects and meet your internal financial hurdle rates, such as payback periods and return on investment.

Through the Program, you could receive **funding for up to 75 per cent of the cost** of lighting, mechanical, HVAC and other energy-efficiency projects.

Because funding levels are based on a tiered approach, projects with a longer payback may be eligible for even greater incentives.

## PROJECT ELIGIBILITY

To qualify for Implementation Funding, your project must:

- Save a minimum of 50,000 kWh per year by implementing a proven energy saving technology, where the project performance is measurable and sustainable (you can bundle projects from different sites with different end-uses).
- Be hardwired or permanent in nature.
- Have a simple payback of at least one year *before* factoring in the incentive amount.

## DON'T KNOW WHERE TO BEGIN?

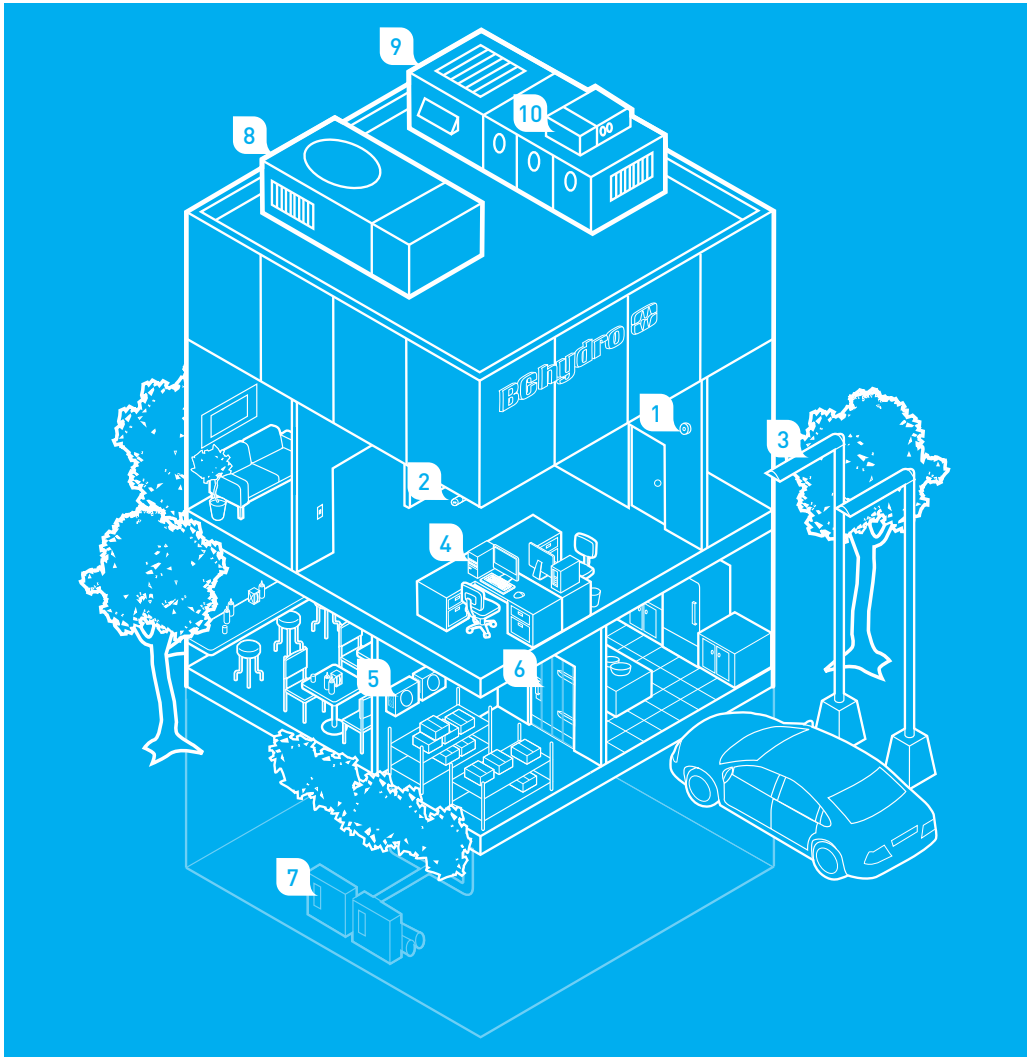
If you know you want to increase your energy efficiency but are not sure how, why not start with a BC Hydro Energy Study?

An Energy Study will identify and analyze cost-effective solutions for improving your systems and increasing the reliability and energy efficiency of your facility. After the Energy Study is complete, you will receive a report that provides detailed recommendations for improvements – which you can then use to apply for Implementation Funding.

## BENEFITS

Implementation Funding can help you:

- Offset the cost of capital projects designed to reduce energy use
- Improve the operation and maintenance of your existing energy-using systems
- Modernize your facility with efficient equipment that will not only reduce your operational costs, but increase employee and tenant comfort levels in the building
- Demonstrate your commitment to reducing energy consumption, both internally and to the public
- Access subject matter experts on end-use technologies to validate energy savings reports
- Gain recognition amongst your peers and in the public for your energy efficiency



## HOW IT WORKS

- You submit an Implementation Funding Application, including your completed BC Hydro Energy Study (if you have one) or other proposal
- BC Hydro reviews your application and issues an Incentive Agreement upon approval
- You sign the agreement and implement the project\*
- You submit the required completion documents
- BC Hydro approves your project and issues your incentive payment covering up to 75% of your project costs

## DID YOU KNOW?

For simpler projects, you can use Power Smart Partner Express, a self-serve online application process. You get instant approval along with verification of energy savings and incentive during your application.

- 1 Add controls and occupancy sensors to turn lighting systems on and off only as needed to save up to 30 per cent of your lighting energy costs.
- 2 Upgrade to high-performance, energy-saving T8 and T5 fluorescents to save up to 30 per cent of your lighting energy costs.
- 3 Upgrade to dimming and/or energy-efficient LED street lighting to reduce your energy bills and maintenance costs by up to 30 per cent.
- 4 Install power management software on your office computers to lower their energy consumption by up to 70 per cent.
- 5 Add control features to your refrigeration equipment to save up to 20 per cent of your energy costs for refrigeration.
- 6 Implement variable head pressure to match demand, install heat recovery systems, or add doors and covers to your refrigeration systems to save up to 20 per cent in energy costs.
- 7 Revisit the current energy usage of your booster pump system and retrofitting to match your actual needs to achieve energy savings of up to 20 per cent.
- 8 Install speed drives, sensors and control systems to adapt to variable demands and lower your mechanical/HVAC energy use by up to 20 per cent.
- 9 Coordinate the operating schedules of your heating and cooling equipment to get up to 20 per cent energy savings.
- 10 Clean the heating and cooling coils of your air handling unit and save up to 15 per cent of your fan energy costs.

\*No component of the project can be initiated without an Incentive Agreement in place with BC Hydro. If the project has started prior to an Incentive Agreement, it will not be eligible for any funding or incentives from BC Hydro.

Contact Us Today

To find out more, contact your Key Account Manager or call: **604 522 4713** in the Lower Mainland, **1 866 522 4713** elsewhere in B.C., or visit [bchydro.com/business](http://bchydro.com/business)

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